Docket No. SON-0495US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

| Tranş inven | | | | or f | iling under 35 | U.S | S.C. 111(a) and 3 | 37 C.F.R. 1.53 | (b) is a new utility patent a | pplication for an | |
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| If a C | CONT | INUA | ATION | API | PLICATION, | chec | ck appropriate b | ox and supply | the requisite information: | | |
| | Conti | | tion | | Divisional | | Continuation- | -in-part (CIP) | of prior application No.: | | |
| | ch is a Cont i ch is a | inuat | tion | | Divisional | | Continuation | -in-part (CIP) | of prior application No.: | | |
| 77 | Conti | | tion | | Divisional | | Continuation | -in-part (CIP) | of prior application No.: | i.e | |
| - | closed are: Application Elements | | | | | | | | | | |
| | × | Filir | iling fee as calculated and transmitted as described below | | | | | | | | |
| 1 2. | × | Spe | pecification having | | | 51 | _ pages and ir | | | | |
| | a. | \boxtimes | Desc | ripti | ve Title of the | e Inve | ention | | | | |
| | b. | | Cross | s Re | eferences to I | Relat | ted Applications | (if applicable) | | | |
| | C. | | State | mei | nt Regarding | Fede | erally-sponsored | d Research/De | velopment (if applicable) | | |
| | d. | | Refer | enc | ce to Microfic | he A _l | ppendix <i>(if appli</i> | cable) | | | |
| | e. | \boxtimes | ■ Background of the Invention | | | | | | | | |
| | f. | X | Brief | Sur | mmary of the | Inve | ntion | , | | | |
| | g. | × | Brief | Des | scription of th | e Dra | awings <i>(if drawii</i> | ngs filed) | | | |
| | h. | \boxtimes | Detai | led | Description | | • | | • | • | |
| | i. | \boxtimes | Claim | ı(s) | as Classified | Belo | wo | | | | |
| | j. | \boxtimes | Abstr | act | of the Disclo | sure | | | | | |

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| | | Application Elements (Continued) | | | | | | | | | |
|------------|----|--|--|--|--|--|--|--|--|--|--|
| 3. | × | Drawing(s) (when necessary as prescribed by 35 USC 113) | | | | | | | | | |
| | a. | Number of Sheets 11(Figs. 1-14) | | | | | | | | | |
| | b. | ☐ Informal Number of Sheets | | | | | | | | | |
| 4. | X | Oath or Declaration | | | | | | | | | |
| | a. | ☑ Newly executed (original or copy) ☐ Unexecuted | | | | | | | | | |
| | b. | Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) | | | | | | | | | |
| | C. | ☐ With Power of Attorney ☐ Without Power of Attorney ☐ Without Power of Attorney | | | | | | | | | |
| | d. | DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). | | | | | | | | | |
| | | Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. | | | | | | | | | |
| | | Computer Program in Microfiche (Appendix) | | | | | | | | | |
| 7 . | | Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) | | | | | | | | | |
| T | a. | ☐ Paper Copy | | | | | | | | | |
| | b. | ☐ Computer Readable Copy (identical to computer copy) | | | | | | | | | |
| <u> </u> | C. | □ Statement Verifying Identical Paper and Computer Readable Copy | | | | | | | | | |
| | | Accompanying Application Parts | | | | | | | | | |
| 8. | × | Assignment Papers (cover sheet & document(s)) | | | | | | | | | |
| 9. | | 37 CFR 3.73(B) Statement (when there is an assignee) | | | | | | | | | |
| 10. | | English Translation Document (if applicable) | | | | | | | | | |
| 11. | × | Information Disclosure Statement/PTO-1449 Copies of IDS Citations | | | | | | | | | |
| 12. | | Preliminary Amendment | | | | | | | | | |
| 13. | × | Acknowledgment postcard | | | | | | | | | |
| 14. | | Certificate of Mailing | | | | | | | | | |
| | | ☐ First Class ☐ Express Mail (Specify Label No.): | | | | | | | | | |

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| | | Accompanying Application Parts (Continued) |
|-----|---|---|
| 15. | × | Certified Copy of Priority Document(s) (if foreign priority is claimed) |
| 16. | × | Additional Enclosures (please identify below): |
| | | Notice of Change of Address |
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| | | |
| | | Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2) |

Request That Application Not be rublished ruisdant 10 33 0.3.0. 122(b)(2)

Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

| <u> </u> | | CLAIMS | AS FILED | | | | | |
|---|--------------|----------------|----------|---|------------------|------------|--|--|
| For | #Filed | #Allowed | #Extra | | Rate | Fee | | |
| otal Claims | 25 | - 20 = | 5 | × | \$18.00 | \$90.00 | | |
| dep. Claims | 5 | - 3 = | 2 | × | \$80.00 | \$160.00 | | |
| দুৰ্ব দুৰ্বাচাৰ Dependent C | laims (check | if applicable) | | • | | \$0.00 | | |
| <u>.</u> | | | | | BASIC FEE | \$710.00 | | |
| OTHER FEE (specify purpose) Assignment Recordation | | | | | | | | |
| <u> </u> | | | | | TOTAL FILING FEE | \$1,000.00 | | |
| as described below. A duplicate copy of this sheet is enclosed. ☐ Charge the amount of as filing fee. ☒ Credit any overpayment. ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). ☐ Sean M. McGinn, Esq. Reg. No. 34,386 | | | | | | | | |

CC: